EPA Official Record

Notes ID: A1D6C930FE2D5C1AA10B4B656751B149 From: Chris Hill <chris.hill@chk.com> To: Robert Puls/ADA/USEPA/US@EPA; "'Florentino, Gene" <GFlorentino@ene.com>; "'Lukert, George'" <GLukert@ene.com>; Susan Mravik/ADA/USEPA/US@EPA; Michael Overbay/R6/USEPA/US@EPA; Randall Ross/ADA/USEPA/US@EPA; Steven Acree/ADA/USEPA/US@EPA; Steve Vandegrift/ADA/USEPA/US@EPA; Carlyle Miller/ADA/USEPA/US@EPA Copy To: John Satterfield < john.satterfield@chk.com> **Delivered Date:** 11/13/2011 06:51 PM EDT Subject: RE: call tomorrow on CHK prospective study (Conference Call (877-935-0245 + 745420) Bob, Our resident piezometers expert will not be back in the office until Thursday. Would you mind waiting to have this particular conversation until then? In addition, I have been trying to educate myself regarding EPA's Quality Policy/Procedures/Requirements so CHK can better assist in the QAPP development process, however, I would much appreciate if your or your team could provided a short description of this process during the call tomorrow. Do you think this would be possible? I look forward to our discussion. Thanks, Chris From: Puls.Robert@epamail.epa.gov [mailto:Puls.Robert@epamail.epa.gov] Sent: Sunday, November 13, 2011 4:48 PM To: Florentino, Gene; Lukert, George; Mravik.Susan@epamail.epa.gov; Overbay.Michael@epamail.epa.gov; Ross.Randall@epamail.epa.gov; Acree.Steven@epamail.epa.gov; Vandegrift.Steve@epamail.epa.gov; Miller.Carlyle@epamail.epa.gov; Chris Hill Subject: call tomorrow on CHK prospective study (Conference Call (877-935-0245 +745420)for call tomorrow at 1 pm Susan - can you ck with availablity of Randall and or Steve to be on the call tomorrow Action Items from last call:

 $\,\cdot\,$ $\,$ E & E to continue to inquire about HDD capabilities with drilling companies, and include a HDD well as an optional task in the drilling SOW.

 \cdot Mike Overbay to determine the recognition of a HDD as a viable monitoring well by EPA and the state (LA).

· CHK to provide flowback sampling procedures

CHK to provide well integrity testing procedures

E & E to outline sampling intervals

CHK to provide split lab information for the QAPP

 \cdot EPA to discuss the possibility of installing 2-inch piezometers with the Geoprobe with their drilling staff. Conference call regarding piezometer installations: Tentatively Nov 9

Conference call regarding HDD: Nov 14

· Conference call regarding well integrating testing: Nov 16

Robert W. Puls, Ph.D.

Agency Technical Lead, Hydraulic Fracturing Study Ground Water and Ecosystems Restoration Division National Risk Management Research Laboratory, USEPA P.O. Box 1198 / 919 Kerr Research Dr. Ada, OK 74820 puls.robert@epa.gov 580-436-8543 (phone) 405-323-8119 (mobile)

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If

the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).